Amoonsky®
程达科技

Specification




LED DISPLAY

Receiving Card

AMS-R7512

Safety

This chapter illustrates safety of the R7512 receiving card to ensure the product's storage, transport, installation and use safety. Safety instructions are applicable to all personnel who contact or use the product. First of all, pay attention to following points.

- Read through the instructions.
- Retain all instructions.
- Comply with all instructions

■ Storage And Transport Safety

- Pay attention to dust and water prevention.
- Avoid long-term direct sunlight.
- Do not place the product at a position near fire and heat.
- Do not place the product in an area containing explosive materials and strong electromagnetic environment.
- Place the product at a stable position to prevent damage or personal injury caused by dropping.
- Save the packing box and materials which will come in handy if you ever have to store and ship the product. For maximum protection during storage and shipping, repack the product as it was originally packed at the factory.

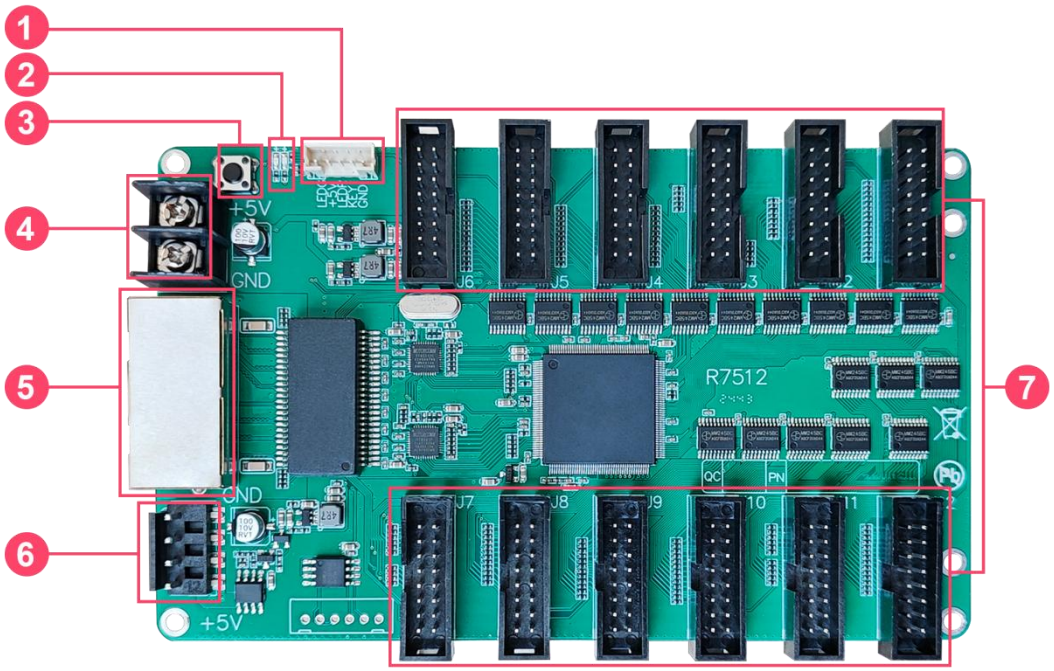
■ Installation And Use Safety

- Only trained professionals may install the product.
- Plugging and unplugging operations are prohibited when the power is on.
- Ensure safe grounding of the product.
- Always wear a wrist band and insulating gloves.
- Do not place the product in an area having frequent or strong shake.
- Perform dust removing regularly.
- Contact Amoonsky for maintenance at any time, rather than have the product disassembled and maintained by non-professionals without authorization.
- Replace faulty parts only with the spare parts supplied by Amoonsky.

Overview

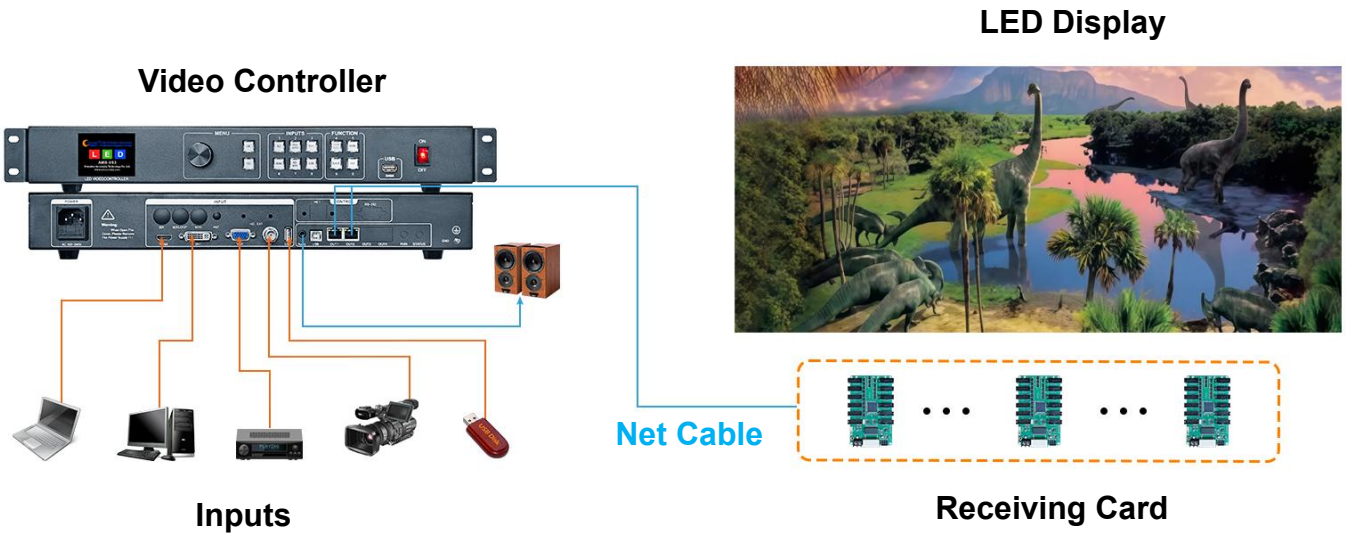
R7512 on-board 12*HUB75E ports, compatible with R7512 / R7516.

Appearance Description

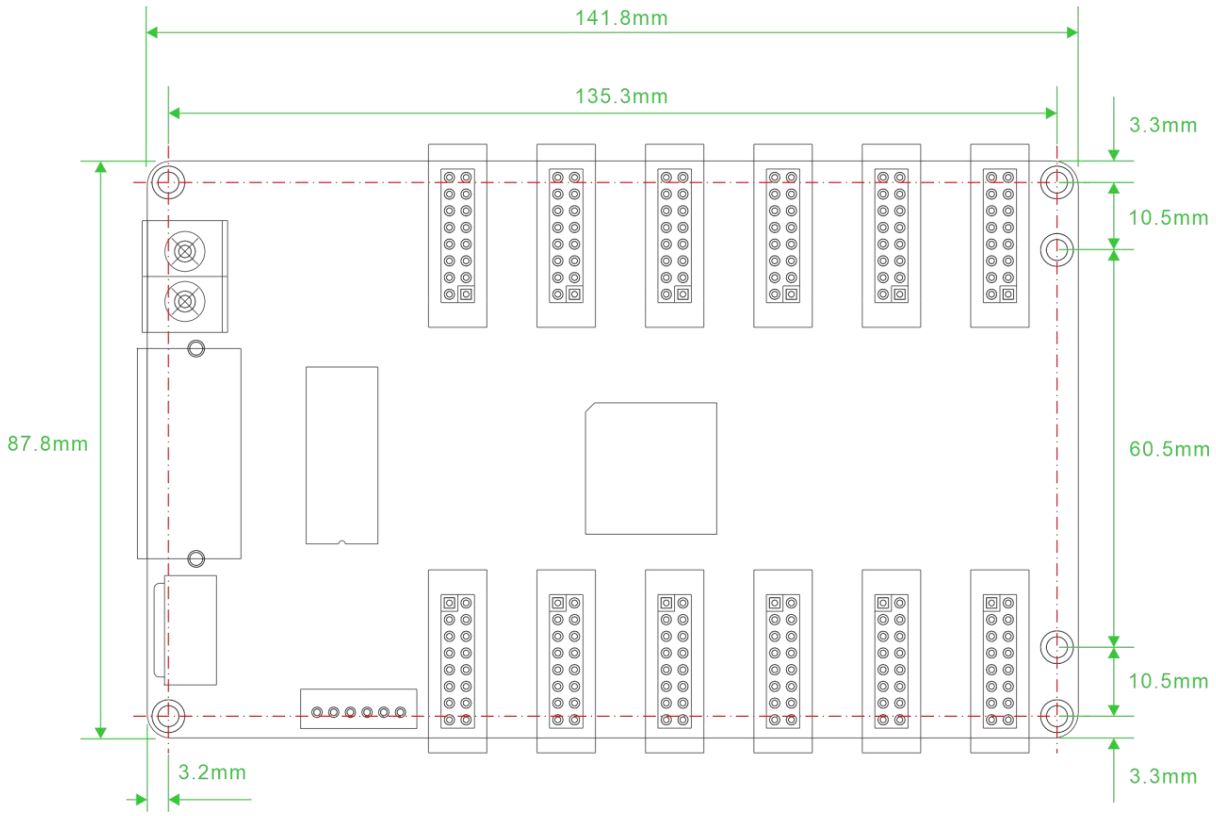


- ①: External indicator light, run light and data light.
- ②: Work indicator, D1 flashes to indicate that the control card is running normally; D2 flashes quickly to indicate that Gigabit has been recognized and data is being received.
- ③: Test button,used to test display brightness,and display uniformity.
- ④: Power interface, can be accessed with 4.5V ~ 5.5V DC voltage.
- ⑤: Gigabit Ethernet port, used to connect the sending card or receiving card, the same two network ports are interchangeable.
- ⑥: Power interface, can be accessed with 4.5V ~ 5.5V DC voltage, ④/⑥ connect one of them is ok.
- ⑦: HUB75E port, connect to the modules.

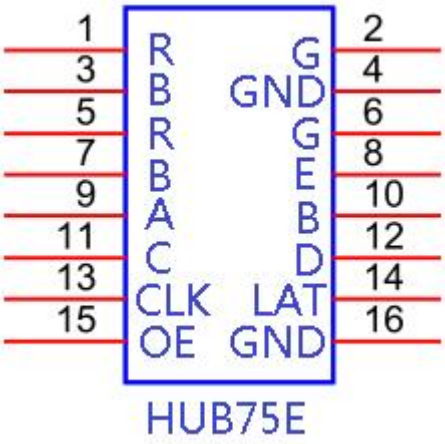
Connection Diagram



Dimensions



Interface Definition



Parameters

Suitable Sender	AMS-VS1 / 3 / 4 Video Processor		
Module Type	Compatible with all common IC module, Support most PWM IC module.		
Scan Mode	Supports any scanning method from static to 1/64 scan		
Communication Method	Gigabit Ethernet	**Grey Level**	256~65536
Control Size	Recommend：256*256 pixels, 128*384 pixels Outdoor module width ≤256, Indoor module width ≤128		
Multi-card Connection	Receiving card can be put in any sequence		
Test Function	Receiving card integrated screen test function Test display brightness and display uniformity		
Communication Distance	Super Cat5, Cat6 network cable within 120 meters		
Port	5V DC Power*2, 1Gbps Ethernet port*2, HUB75E*12		
Input Voltage	4.0V-6.0V	**Working Temperature**	-40℃~85℃
Precautions	Ensure the system long-term stable running, Please keep to use the standard 5V power supply voltage.		